

# Extending County Services with Broadband and E-Government

*West Virginia Office of Technology  
for 2012 WVACo Annual Conference  
February 13, 2012*

# Broadband Stimulus Grant Overview

- **Fiber Build Out**

- Expand access to consumers in under-served areas of the state while improving access for public safety agencies

- **Microwave Tower**

- Upgrade the current microwave network to extend middle mile deeper into rural areas for redundancy and future growth opportunities

- **Green Bank – West Virginia University**

- Provide direct Broadband access between Green Bank Research Observatory and West Virginia University

# Broadband Facts

- Grant appropriation ~ \$126 million ARRA funds
- Provides connectivity and network hardware for 1,062 anchor tenants
- Over 75% of the funded service area falls within rural areas that are underserved or even un-served
- Scheduled completion date February 2013

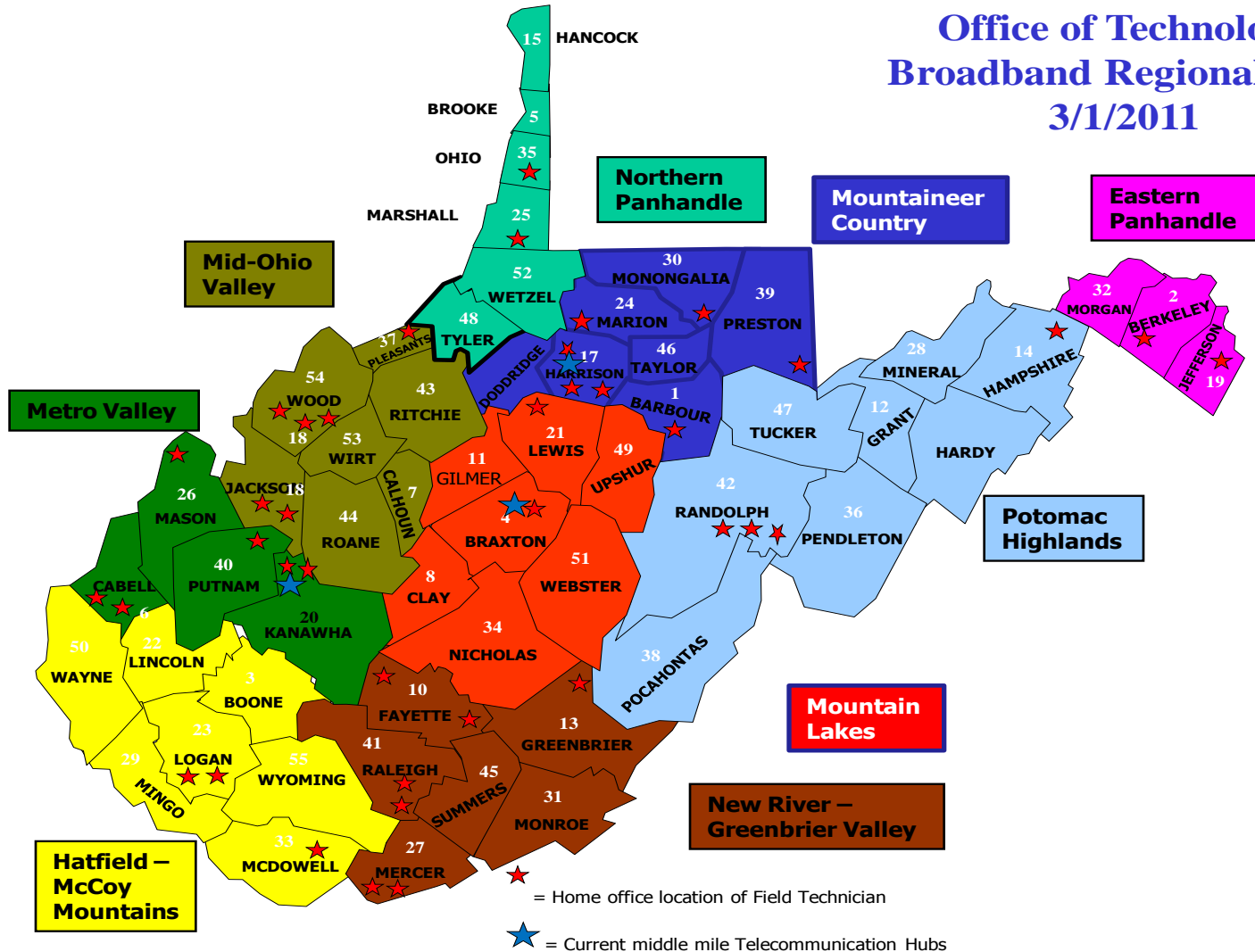
# Office of Technology Broadband Regional Map 3/1/2011

## Co.# Name

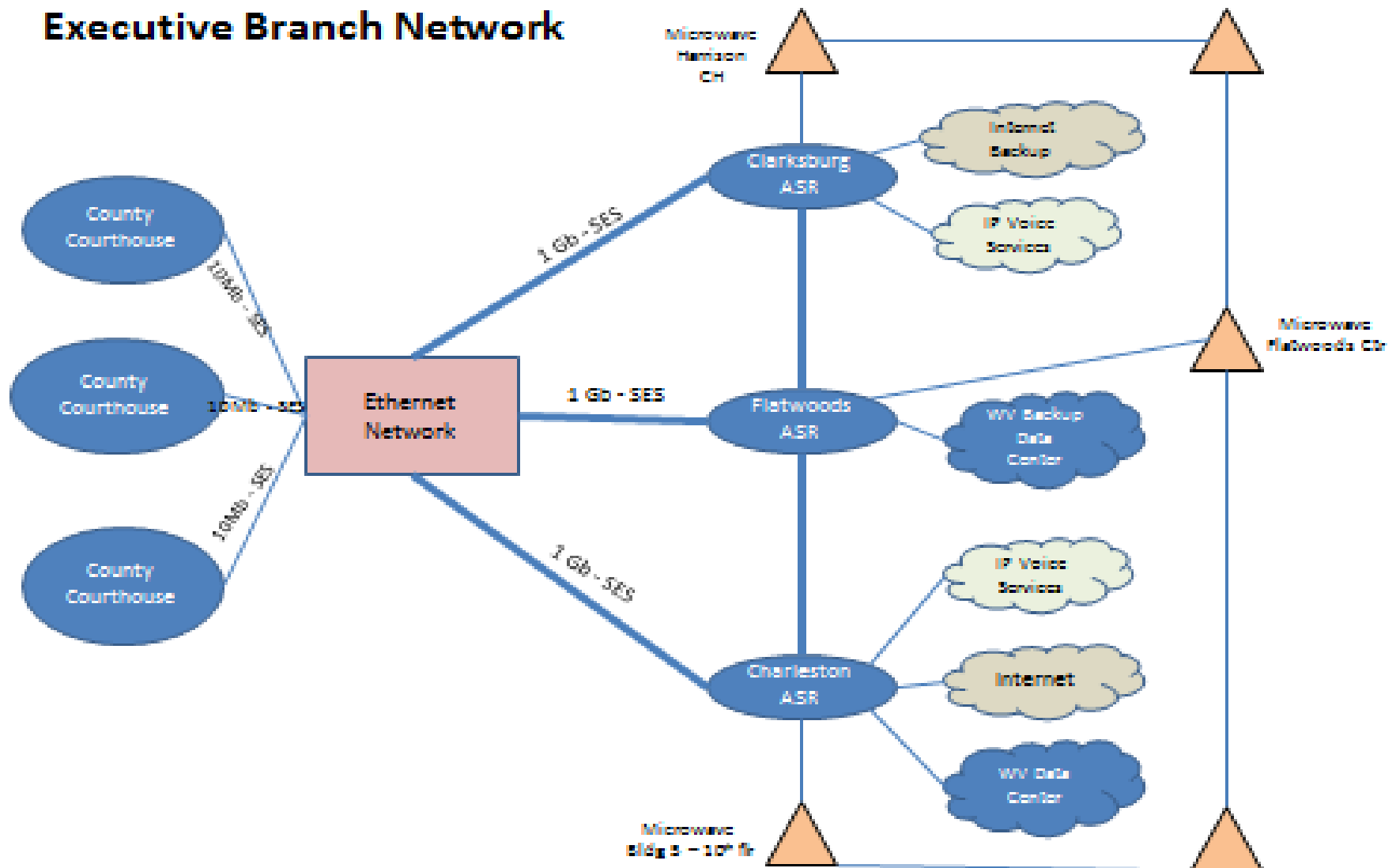
- 1 Barbour
- 2 Berkeley
- 3 Boone
- 4 Braxton
- 5 Brooke
- 6 Cabell
- 7 Calhoun
- 8 Clay
- 9 Doddridge
- 10 Fayette
- 11 Gilmer
- 12 Grant
- 13 Greenbrier
- 14 Hampshire
- 15 Hancock
- 16 Hardy
- 17 Harrison
- 18 Jackson
- 19 Jefferson
- 20 Kanawha
- 21 Lewis
- 22 Lincoln
- 23 Logan
- 24 Marion
- 25 Marshall
- 26 Mason
- 27 Mercer

## Co.# Name

- 28 Mineral
- 29 Mingo
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- 31 Monroe
- 32 Morgan
- 33 McDowell
- 34 Nicholas
- 35 Ohio
- 36 Pendleton
- 37 Pleasants
- 38 Pocahontas
- 39 Preston
- 40 Putnam
- 41 Raleigh
- 42 Randolph
- 43 Ritchie
- 44 Roane
- 45 Summers
- 46 Taylor
- 47 Tucker
- 48 Tyler
- 49 Upshur
- 50 Wayne
- 51 Webster
- 52 Wetzel
- 53 Wirt
- 54 Wood
- 55 Wyoming



## State of WV Executive Branch Network



# Broadband Benefits

- **Economic Development:** expands access to state, national, and world-wide venues.
- **Innovation:** promotes investment by private providers in response to the demand for enhanced services, and the deployment of current technology.
- **Education:** supports distance learning and provides access to wide ranges of educational and cultural resources.
- **E-Government:** facilitates citizen communications with government agencies and delivery of on-line services.
- **Public Safety:** provides mechanism to deliver public alerts and first responder communications.

# Memorandum of Understanding (MOU)

- Agreements between each county and the State
- Defining roles and responsibilities as it relates to the Broadband grant
- Establishing a communication plan
- Creating a corrective action procedure to help ensure quality services

# Memorandum of Understanding (MOU)

- Use of “top of the line” router
- Router replacement at end of life
- Procedures to provide security controls
- Service desk for outside connectivity issues
- Document current state and future changes



# Statewide Local E-Government Implementation and Adoption Program

- Free E-Government Website
- Web presence to showcase counties and municipalities
- 21<sup>st</sup> Century Technical Skills high school curriculum
- Local government efficiency and transparency
- Utilization of broadband infrastructure



# Statewide Local E-Government Implementation and Adoption Program

**Recipient of 2011 NASCIO Finalist Award for Cross  
Boundary Collaboration and Partnerships:**

*Recognizing West Virginia's Efforts in Promoting the  
Adoption of Technology to Enhance our Communities*







# Partners and Supporters

- Benedum Foundation
- Community Connect Foundation
- West Virginia Association of Counties
- West Virginia Municipal League
- West Virginia Department of Education
- West Virginia Interactive
- West Virginia Office of Technology

# Statewide Local E-Government Implementation and Adoption Program

*The mission of this partnership is assist our county and municipal governments in the developing and sustaining a local government Web presence in order to keep our citizenry better informed. We will achieve this mission by leveraging our state's most valuable resource, our youth.*

***- Kyle Schafer, WV Chief Technology Officer***

# Additional Services

- Business Continuity Planning
- Data Backup and Recovery
- Distance Learning
- Email and Calendaring
- Software Licensing
- On-line Collaboration
- On-line Services
- Service Desk (for problem reporting)
- Video Conferencing



# Questions & Answers



# Additional Information

Stimulus Grants:

<http://www.recovery.wv.gov>

WV Office of Technology:

<http://www.technology.wv.gov>

# Additional Information

WVOT Customer Relationship Manager (CRM):

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